

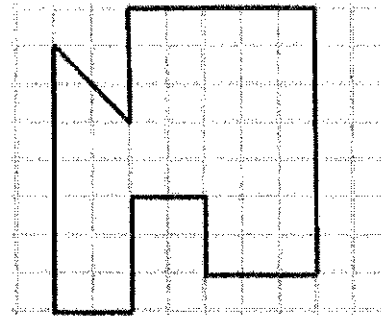
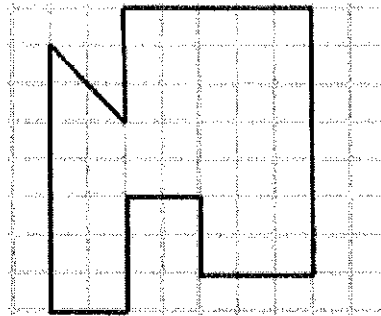
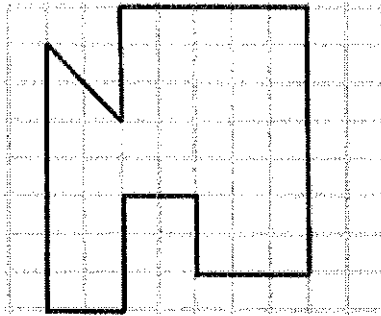


Geometry Unit Lesson 1B Lesson Practice/Homework

Name:

Date:

1. Show three different ways to decompose the composite figure below.

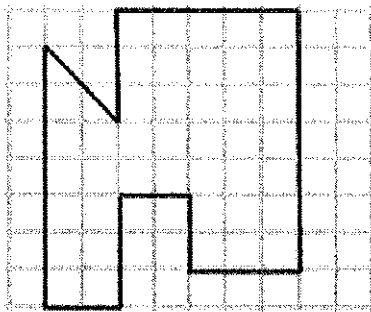


Do each of the composite figures have the same area?

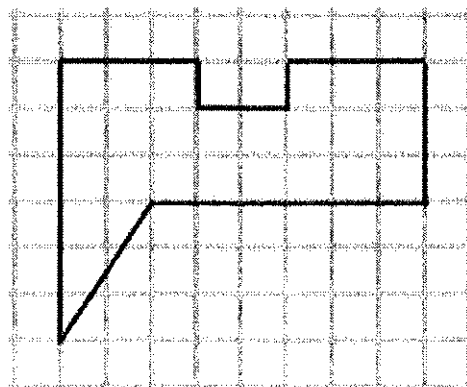
- a. Yes
- b. No

2. Choose one of your decompositions to work with. Find the area of each of the triangles, rectangles, and other shapes within the composite figure and write that measurement in each shape.

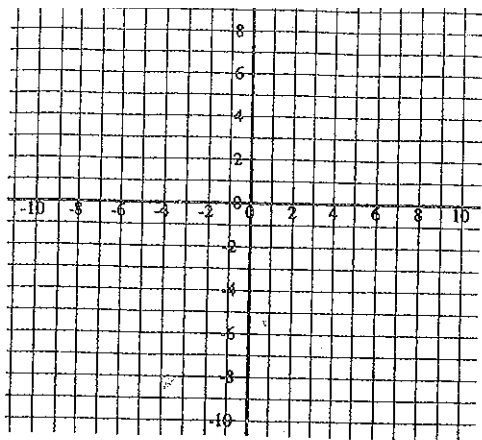
What is the total area of the composite figure?



3. Decompose the composite figure below. What is this polygon's area?

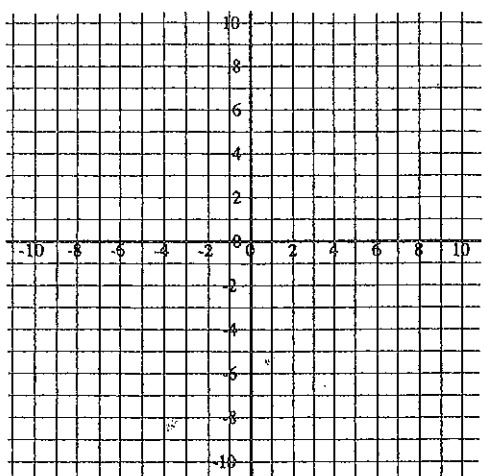


4.



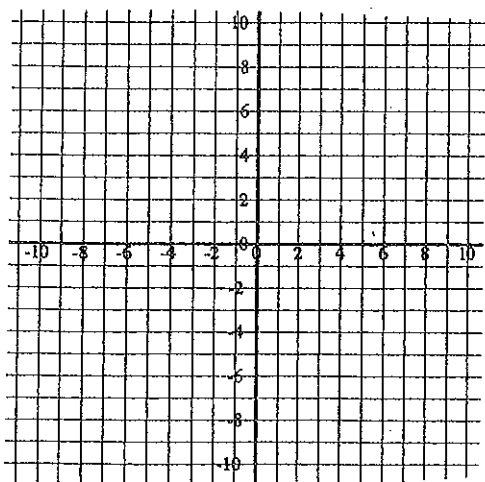
$$(-5, 2), (5, 2); (2, -5), (-8, -5)$$

5.



$$(-8, 6), (-3, 6), (-3, 2), (2, 2) \\ (2, 6), (6, 6), (6, -3), (-8, -3)$$

6.



$$(-9, 0), (-6, 5), (6, 5), (9, 0)$$

4-6: Find the area of each shape.